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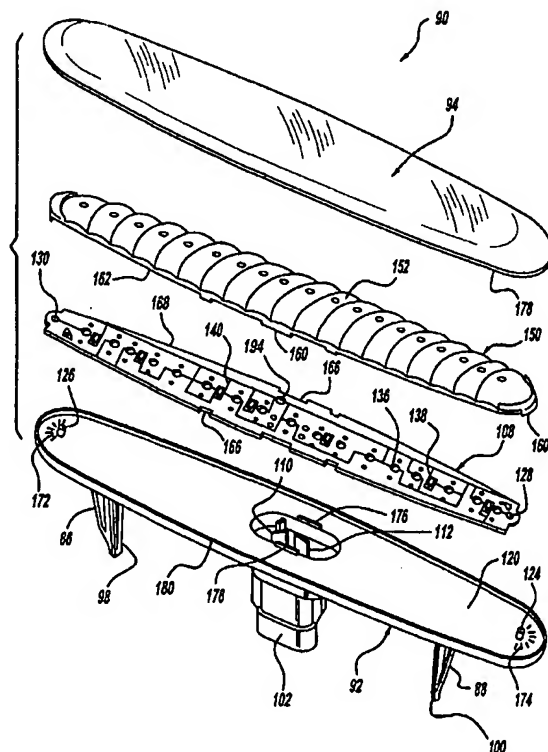
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[Continued on next page]

(54) Title: **CENTER HIGH MOUNTED STOP LAMP INCLUDING LEDS AND TIR LENS**



(57) Abstract: A center high mounted stop lamp (12) including a plurality of LEDs (34) mounted on a printed circuit board (30). TIR lenses (40) are employed to focus the light from the LEDs (34) to give an even lighting appearance. The TIR lenses (40) include a prism (44) for directing the light in a desired direction. The circuit board (30) and lenses (40) are mounted in a housing (18) so that each LED (34) includes a separate lens (40) configured relative thereto to provide the desired collection and reflectance of the light. The housing (18) includes a plurality of posts (70) that extend through openings (48, 50) in the circuit board (30) and the lenses (40) to align the LEDs (34) to the lenses (40) relative to the housing (18).

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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : F21V 29/00 US CL : 362/503,541,545,554,559,249,294,800 According to International Patent Classification (IPC) or to both national classification and IPC											
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : F21V 29/00 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)											
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 5,632,551 A(RONEY et al) 27 May 1997 (27.05.1997), column 2, lines 45-65.</td> <td>1-6,8,9,24,34,47</td> </tr> <tr> <td>Y</td> <td></td> <td>7,10-23,25-33,35-46,48-53</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 5,632,551 A(RONEY et al) 27 May 1997 (27.05.1997), column 2, lines 45-65.	1-6,8,9,24,34,47	Y		7,10-23,25-33,35-46,48-53
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Y		7,10-23,25-33,35-46,48-53									
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.											
<table border="0"> <tr> <td colspan="2"> * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family </td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family						
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